



ANALYTICAL REPORT

Lab Number:	L1326171
Client:	Environmental Health & Engineering Inc. 117 Fourth Ave Needham, MA 02494
ATTN:	Matt Fragala
Phone:	(781) 247-4300
Project Name:	Not Specified
Project Number:	19062
Report Date:	01/10/14

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Project Name: Not Specified
Project Number: 19062

Lab Number: L1326171
Report Date: 01/10/14

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1326171-01	150256	Not Specified	12/21/13 00:00
L1326171-02	150257	Not Specified	12/21/13 00:00
L1326171-03	150258	Not Specified	12/21/13 00:00
L1326171-04	150259	Not Specified	12/21/13 00:00
L1326171-05	150260	Not Specified	12/21/13 00:00
L1326171-06	150261	Not Specified	12/21/13 00:00
L1326171-07	150262	Not Specified	12/21/13 00:00
L1326171-08	150263	Not Specified	12/21/13 00:00
L1326171-09	150264	Not Specified	12/21/13 00:00
L1326171-10	150265	Not Specified	12/21/13 00:00
L1326171-11	150266	Not Specified	12/21/13 00:00
L1326171-12	150267	Not Specified	12/21/13 00:00
L1326171-13	150268	Not Specified	12/21/13 00:00
L1326171-14	150269	Not Specified	12/21/13 00:00
L1326171-15	150270	Not Specified	12/21/13 00:00

Project Name: Not Specified
Project Number: 19062

Lab Number: L1326171
Report Date: 01/10/14

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: Not Specified
Project Number: 19062

Lab Number: L1326171
Report Date: 01/10/14

Case Narrative (continued)

PCB Homologues in Air

Due to a laboratory oversight, samples L1326171-01 through -15 were extracted one day beyond the 7-day hold time for the method.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Elizabeth Porta

Title: Technical Director/Representative

Date: 01/10/14

ORGANICS

PCBS

Project Name: Not Specified**Lab Number:** L1326171**Project Number:** 19062**Report Date:** 01/10/14**SAMPLE RESULTS**

Lab ID: L1326171-01
Client ID: 150256
Sample Location: Not Specified
Matrix: Air Media
Analytical Method: 105,8270D-SIM/NOAA-M
Analytical Date: 01/08/14 12:44
Analyst: JS

Date Collected: 12/21/13 00:00
Date Received: 12/24/13
Field Prep: Not Specified
Extraction Method: EPA 3540C
Extraction Date: 12/29/13 15:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Homologs by GC/MS-SIM (LowVol) - Mansfield Lab						
Monochlorobiphenyls	ND		ng/cart	10.0	--	1
Dichlorobiphenyls	ND		ng/cart	10.0	--	1
Trichlorobiphenyls	16.8		ng/cart	10.0	--	1
Tetrachlorobiphenyls	22.4		ng/cart	10.0	--	1
Pentachlorobiphenyls	37.3		ng/cart	10.0	--	1
Hexachlorobiphenyls	26.1		ng/cart	10.0	--	1
Heptachlorobiphenyls	ND		ng/cart	10.0	--	1
Octachlorobiphenyls	ND		ng/cart	10.0	--	1
Nonachlorobiphenyls	ND		ng/cart	10.0	--	1
Decachlorobiphenyl	ND		ng/cart	10.0	--	1
Total Homologs	103		ng/cart	10.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	69		50-125
Cl8-BZ#202-C13	67		50-125

Project Name: Not Specified**Lab Number:** L1326171**Project Number:** 19062**Report Date:** 01/10/14**SAMPLE RESULTS**

Lab ID: L1326171-02
Client ID: 150257
Sample Location: Not Specified
Matrix: Air Media
Analytical Method: 105,8270D-SIM/NOAA-M
Analytical Date: 01/08/14 13:40
Analyst: JS

Date Collected: 12/21/13 00:00
Date Received: 12/24/13
Field Prep: Not Specified
Extraction Method: EPA 3540C
Extraction Date: 12/29/13 15:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Homologs by GC/MS-SIM (LowVol) - Mansfield Lab						
Monochlorobiphenyls	ND		ng/cart	10.0	--	1
Dichlorobiphenyls	24.4		ng/cart	10.0	--	1
Trichlorobiphenyls	34.2		ng/cart	10.0	--	1
Tetrachlorobiphenyls	29.2		ng/cart	10.0	--	1
Pentachlorobiphenyls	47.2		ng/cart	10.0	--	1
Hexachlorobiphenyls	27.8		ng/cart	10.0	--	1
Heptachlorobiphenyls	ND		ng/cart	10.0	--	1
Octachlorobiphenyls	ND		ng/cart	10.0	--	1
Nonachlorobiphenyls	ND		ng/cart	10.0	--	1
Decachlorobiphenyl	ND		ng/cart	10.0	--	1
Total Homologs	163		ng/cart	10.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	90		50-125
Cl8-BZ#202-C13	85		50-125

Project Name: Not Specified**Lab Number:** L1326171**Project Number:** 19062**Report Date:** 01/10/14**SAMPLE RESULTS**

Lab ID: L1326171-03
Client ID: 150258
Sample Location: Not Specified
Matrix: Air Media
Analytical Method: 105,8270D-SIM/NOAA-M
Analytical Date: 01/08/14 14:37
Analyst: JS

Date Collected: 12/21/13 00:00
Date Received: 12/24/13
Field Prep: Not Specified
Extraction Method: EPA 3540C
Extraction Date: 12/29/13 15:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Homologs by GC/MS-SIM (LowVol) - Mansfield Lab						
Monochlorobiphenyls	ND		ng/cart	10.0	--	1
Dichlorobiphenyls	24.3		ng/cart	10.0	--	1
Trichlorobiphenyls	39.2		ng/cart	10.0	--	1
Tetrachlorobiphenyls	29.5		ng/cart	10.0	--	1
Pentachlorobiphenyls	44.4		ng/cart	10.0	--	1
Hexachlorobiphenyls	30.6		ng/cart	10.0	--	1
Heptachlorobiphenyls	10.2		ng/cart	10.0	--	1
Octachlorobiphenyls	ND		ng/cart	10.0	--	1
Nonachlorobiphenyls	ND		ng/cart	10.0	--	1
Decachlorobiphenyl	ND		ng/cart	10.0	--	1
Total Homologs	178		ng/cart	10.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	84		50-125
Cl8-BZ#202-C13	78		50-125

Project Name: Not Specified**Lab Number:** L1326171**Project Number:** 19062**Report Date:** 01/10/14**SAMPLE RESULTS**

Lab ID: L1326171-04
Client ID: 150259
Sample Location: Not Specified
Matrix: Air Media
Analytical Method: 105,8270D-SIM/NOAA-M
Analytical Date: 01/08/14 15:33
Analyst: JS

Date Collected: 12/21/13 00:00
Date Received: 12/24/13
Field Prep: Not Specified
Extraction Method: EPA 3540C
Extraction Date: 12/29/13 15:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Homologs by GC/MS-SIM (LowVol) - Mansfield Lab						
Monochlorobiphenyls	ND		ng/cart	10.0	--	1
Dichlorobiphenyls	24.7		ng/cart	10.0	--	1
Trichlorobiphenyls	42.5		ng/cart	10.0	--	1
Tetrachlorobiphenyls	33.3		ng/cart	10.0	--	1
Pentachlorobiphenyls	51.7		ng/cart	10.0	--	1
Hexachlorobiphenyls	30.7		ng/cart	10.0	--	1
Heptachlorobiphenyls	ND		ng/cart	10.0	--	1
Octachlorobiphenyls	ND		ng/cart	10.0	--	1
Nonachlorobiphenyls	ND		ng/cart	10.0	--	1
Decachlorobiphenyl	ND		ng/cart	10.0	--	1
Total Homologs	183		ng/cart	10.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	78		50-125
Cl8-BZ#202-C13	74		50-125

Project Name: Not Specified**Lab Number:** L1326171**Project Number:** 19062**Report Date:** 01/10/14**SAMPLE RESULTS**

Lab ID: L1326171-05
Client ID: 150260
Sample Location: Not Specified
Matrix: Air Media
Analytical Method: 105,8270D-SIM/NOAA-M
Analytical Date: 01/08/14 16:29
Analyst: JS

Date Collected: 12/21/13 00:00
Date Received: 12/24/13
Field Prep: Not Specified
Extraction Method: EPA 3540C
Extraction Date: 12/29/13 15:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Homologs by GC/MS-SIM (LowVol) - Mansfield Lab						
Monochlorobiphenyls	ND		ng/cart	10.0	--	1
Dichlorobiphenyls	ND		ng/cart	10.0	--	1
Trichlorobiphenyls	19.3		ng/cart	10.0	--	1
Tetrachlorobiphenyls	18.8		ng/cart	10.0	--	1
Pentachlorobiphenyls	34.5		ng/cart	10.0	--	1
Hexachlorobiphenyls	19.4		ng/cart	10.0	--	1
Heptachlorobiphenyls	ND		ng/cart	10.0	--	1
Octachlorobiphenyls	ND		ng/cart	10.0	--	1
Nonachlorobiphenyls	ND		ng/cart	10.0	--	1
Decachlorobiphenyl	ND		ng/cart	10.0	--	1
Total Homologs	92.0		ng/cart	10.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	72		50-125
Cl8-BZ#202-C13	69		50-125

Project Name: Not Specified**Lab Number:** L1326171**Project Number:** 19062**Report Date:** 01/10/14**SAMPLE RESULTS**

Lab ID: L1326171-06
Client ID: 150261
Sample Location: Not Specified
Matrix: Air Media
Analytical Method: 105,8270D-SIM/NOAA-M
Analytical Date: 01/08/14 17:25
Analyst: JS

Date Collected: 12/21/13 00:00
Date Received: 12/24/13
Field Prep: Not Specified
Extraction Method: EPA 3540C
Extraction Date: 12/29/13 15:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Homologs by GC/MS-SIM (LowVol) - Mansfield Lab						
Monochlorobiphenyls	ND		ng/cart	10.0	--	1
Dichlorobiphenyls	ND		ng/cart	10.0	--	1
Trichlorobiphenyls	18.3		ng/cart	10.0	--	1
Tetrachlorobiphenyls	24.0		ng/cart	10.0	--	1
Pentachlorobiphenyls	47.6		ng/cart	10.0	--	1
Hexachlorobiphenyls	22.3		ng/cart	10.0	--	1
Heptachlorobiphenyls	ND		ng/cart	10.0	--	1
Octachlorobiphenyls	ND		ng/cart	10.0	--	1
Nonachlorobiphenyls	ND		ng/cart	10.0	--	1
Decachlorobiphenyl	ND		ng/cart	10.0	--	1
Total Homologs	112		ng/cart	10.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	79		50-125
Cl8-BZ#202-C13	72		50-125

Project Name: Not Specified**Lab Number:** L1326171**Project Number:** 19062**Report Date:** 01/10/14**SAMPLE RESULTS**

Lab ID: L1326171-07
Client ID: 150262
Sample Location: Not Specified
Matrix: Air Media
Analytical Method: 105,8270D-SIM/NOAA-M
Analytical Date: 01/08/14 19:53
Analyst: JS

Date Collected: 12/21/13 00:00
Date Received: 12/24/13
Field Prep: Not Specified
Extraction Method: EPA 3540C
Extraction Date: 12/29/13 15:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Homologs by GC/MS-SIM (LowVol) - Mansfield Lab						
Monochlorobiphenyls	ND		ng/cart	10.0	--	1
Dichlorobiphenyls	ND		ng/cart	10.0	--	1
Trichlorobiphenyls	14.4		ng/cart	10.0	--	1
Tetrachlorobiphenyls	16.7		ng/cart	10.0	--	1
Pentachlorobiphenyls	24.8		ng/cart	10.0	--	1
Hexachlorobiphenyls	15.2		ng/cart	10.0	--	1
Heptachlorobiphenyls	ND		ng/cart	10.0	--	1
Octachlorobiphenyls	ND		ng/cart	10.0	--	1
Nonachlorobiphenyls	ND		ng/cart	10.0	--	1
Decachlorobiphenyl	ND		ng/cart	10.0	--	1
Total Homologs	71.1		ng/cart	10.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	66		50-125
Cl8-BZ#202-C13	63		50-125

Project Name: Not Specified**Lab Number:** L1326171**Project Number:** 19062**Report Date:** 01/10/14**SAMPLE RESULTS**

Lab ID: L1326171-08
Client ID: 150263
Sample Location: Not Specified
Matrix: Air Media
Analytical Method: 105,8270D-SIM/NOAA-M
Analytical Date: 01/08/14 20:49
Analyst: JS

Date Collected: 12/21/13 00:00
Date Received: 12/24/13
Field Prep: Not Specified
Extraction Method: EPA 3540C
Extraction Date: 12/29/13 15:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Homologs by GC/MS-SIM (LowVol) - Mansfield Lab						
Monochlorobiphenyls	ND		ng/cart	10.0	--	1
Dichlorobiphenyls	12.3		ng/cart	10.0	--	1
Trichlorobiphenyls	20.7		ng/cart	10.0	--	1
Tetrachlorobiphenyls	19.7		ng/cart	10.0	--	1
Pentachlorobiphenyls	27.1		ng/cart	10.0	--	1
Hexachlorobiphenyls	19.2		ng/cart	10.0	--	1
Heptachlorobiphenyls	ND		ng/cart	10.0	--	1
Octachlorobiphenyls	ND		ng/cart	10.0	--	1
Nonachlorobiphenyls	ND		ng/cart	10.0	--	1
Decachlorobiphenyl	ND		ng/cart	10.0	--	1
Total Homologs	99.0		ng/cart	10.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	78		50-125
Cl8-BZ#202-C13	73		50-125

Project Name: Not Specified**Lab Number:** L1326171**Project Number:** 19062**Report Date:** 01/10/14**SAMPLE RESULTS**

Lab ID: L1326171-09
Client ID: 150264
Sample Location: Not Specified
Matrix: Air Media
Analytical Method: 105,8270D-SIM/NOAA-M
Analytical Date: 01/08/14 21:45
Analyst: JS

Date Collected: 12/21/13 00:00
Date Received: 12/24/13
Field Prep: Not Specified
Extraction Method: EPA 3540C
Extraction Date: 12/29/13 15:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Homologs by GC/MS-SIM (LowVol) - Mansfield Lab						
Monochlorobiphenyls	ND		ng/cart	10.0	--	1
Dichlorobiphenyls	17.8		ng/cart	10.0	--	1
Trichlorobiphenyls	27.7		ng/cart	10.0	--	1
Tetrachlorobiphenyls	18.5		ng/cart	10.0	--	1
Pentachlorobiphenyls	23.9		ng/cart	10.0	--	1
Hexachlorobiphenyls	12.9		ng/cart	10.0	--	1
Heptachlorobiphenyls	ND		ng/cart	10.0	--	1
Octachlorobiphenyls	ND		ng/cart	10.0	--	1
Nonachlorobiphenyls	ND		ng/cart	10.0	--	1
Decachlorobiphenyl	ND		ng/cart	10.0	--	1
Total Homologs	101		ng/cart	10.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	81		50-125
Cl8-BZ#202-C13	77		50-125

Project Name: Not Specified**Lab Number:** L1326171**Project Number:** 19062**Report Date:** 01/10/14**SAMPLE RESULTS**

Lab ID: L1326171-10
Client ID: 150265
Sample Location: Not Specified
Matrix: Air Media
Analytical Method: 105,8270D-SIM/NOAA-M
Analytical Date: 01/08/14 22:42
Analyst: JS

Date Collected: 12/21/13 00:00
Date Received: 12/24/13
Field Prep: Not Specified
Extraction Method: EPA 3540C
Extraction Date: 12/29/13 15:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Homologs by GC/MS-SIM (LowVol) - Mansfield Lab						
Monochlorobiphenyls	ND		ng/cart	10.0	--	1
Dichlorobiphenyls	ND		ng/cart	10.0	--	1
Trichlorobiphenyls	16.6		ng/cart	10.0	--	1
Tetrachlorobiphenyls	20.2		ng/cart	10.0	--	1
Pentachlorobiphenyls	32.3		ng/cart	10.0	--	1
Hexachlorobiphenyls	18.4		ng/cart	10.0	--	1
Heptachlorobiphenyls	ND		ng/cart	10.0	--	1
Octachlorobiphenyls	ND		ng/cart	10.0	--	1
Nonachlorobiphenyls	ND		ng/cart	10.0	--	1
Decachlorobiphenyl	ND		ng/cart	10.0	--	1
Total Homologs	87.5		ng/cart	10.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	72		50-125
Cl8-BZ#202-C13	68		50-125

Project Name: Not Specified**Lab Number:** L1326171**Project Number:** 19062**Report Date:** 01/10/14**SAMPLE RESULTS**

Lab ID: L1326171-11
Client ID: 150266
Sample Location: Not Specified
Matrix: Air Media
Analytical Method: 105,8270D-SIM/NOAA-M
Analytical Date: 01/08/14 23:38
Analyst: JS

Date Collected: 12/21/13 00:00
Date Received: 12/24/13
Field Prep: Not Specified
Extraction Method: EPA 3540C
Extraction Date: 12/29/13 15:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Homologs by GC/MS-SIM (LowVol) - Mansfield Lab						
Monochlorobiphenyls	ND		ng/cart	10.0	--	1
Dichlorobiphenyls	ND		ng/cart	10.0	--	1
Trichlorobiphenyls	13.8		ng/cart	10.0	--	1
Tetrachlorobiphenyls	13.2		ng/cart	10.0	--	1
Pentachlorobiphenyls	27.0		ng/cart	10.0	--	1
Hexachlorobiphenyls	19.6		ng/cart	10.0	--	1
Heptachlorobiphenyls	ND		ng/cart	10.0	--	1
Octachlorobiphenyls	ND		ng/cart	10.0	--	1
Nonachlorobiphenyls	ND		ng/cart	10.0	--	1
Decachlorobiphenyl	ND		ng/cart	10.0	--	1
Total Homologs	73.6		ng/cart	10.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	64		50-125
Cl8-BZ#202-C13	61		50-125

Project Name: Not Specified**Lab Number:** L1326171**Project Number:** 19062**Report Date:** 01/10/14**SAMPLE RESULTS**

Lab ID: L1326171-12
Client ID: 150267
Sample Location: Not Specified
Matrix: Air Media
Analytical Method: 105,8270D-SIM/NOAA-M
Analytical Date: 01/09/14 00:34
Analyst: JS

Date Collected: 12/21/13 00:00
Date Received: 12/24/13
Field Prep: Not Specified
Extraction Method: EPA 3540C
Extraction Date: 12/29/13 15:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Homologs by GC/MS-SIM (LowVol) - Mansfield Lab						
Monochlorobiphenyls	ND		ng/cart	10.0	--	1
Dichlorobiphenyls	13.2		ng/cart	10.0	--	1
Trichlorobiphenyls	22.2		ng/cart	10.0	--	1
Tetrachlorobiphenyls	19.9		ng/cart	10.0	--	1
Pentachlorobiphenyls	34.6		ng/cart	10.0	--	1
Hexachlorobiphenyls	18.2		ng/cart	10.0	--	1
Heptachlorobiphenyls	ND		ng/cart	10.0	--	1
Octachlorobiphenyls	ND		ng/cart	10.0	--	1
Nonachlorobiphenyls	ND		ng/cart	10.0	--	1
Decachlorobiphenyl	ND		ng/cart	10.0	--	1
Total Homologs	108		ng/cart	10.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	89		50-125
Cl8-BZ#202-C13	84		50-125

Project Name: Not Specified**Lab Number:** L1326171**Project Number:** 19062**Report Date:** 01/10/14**SAMPLE RESULTS**

Lab ID: L1326171-13
Client ID: 150268
Sample Location: Not Specified
Matrix: Air Media
Analytical Method: 105,8270D-SIM/NOAA-M
Analytical Date: 01/09/14 01:30
Analyst: JS

Date Collected: 12/21/13 00:00
Date Received: 12/24/13
Field Prep: Not Specified
Extraction Method: EPA 3540C
Extraction Date: 12/29/13 15:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Homologs by GC/MS-SIM (LowVol) - Mansfield Lab						
Monochlorobiphenyls	ND		ng/cart	10.0	--	1
Dichlorobiphenyls	ND		ng/cart	10.0	--	1
Trichlorobiphenyls	17.2		ng/cart	10.0	--	1
Tetrachlorobiphenyls	16.0		ng/cart	10.0	--	1
Pentachlorobiphenyls	30.6		ng/cart	10.0	--	1
Hexachlorobiphenyls	15.7		ng/cart	10.0	--	1
Heptachlorobiphenyls	ND		ng/cart	10.0	--	1
Octachlorobiphenyls	ND		ng/cart	10.0	--	1
Nonachlorobiphenyls	ND		ng/cart	10.0	--	1
Decachlorobiphenyl	ND		ng/cart	10.0	--	1
Total Homologs	79.5		ng/cart	10.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	66		50-125
Cl8-BZ#202-C13	62		50-125

Project Name: Not Specified**Lab Number:** L1326171**Project Number:** 19062**Report Date:** 01/10/14**SAMPLE RESULTS**

Lab ID: L1326171-14
Client ID: 150269
Sample Location: Not Specified
Matrix: Air Media
Analytical Method: 105,8270D-SIM/NOAA-M
Analytical Date: 01/09/14 02:26
Analyst: JS

Date Collected: 12/21/13 00:00
Date Received: 12/24/13
Field Prep: Not Specified
Extraction Method: EPA 3540C
Extraction Date: 12/29/13 15:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Homologs by GC/MS-SIM (LowVol) - Mansfield Lab						
Monochlorobiphenyls	ND		ng/cart	10.0	--	1
Dichlorobiphenyls	ND		ng/cart	10.0	--	1
Trichlorobiphenyls	ND		ng/cart	10.0	--	1
Tetrachlorobiphenyls	ND		ng/cart	10.0	--	1
Pentachlorobiphenyls	ND		ng/cart	10.0	--	1
Hexachlorobiphenyls	ND		ng/cart	10.0	--	1
Heptachlorobiphenyls	ND		ng/cart	10.0	--	1
Octachlorobiphenyls	ND		ng/cart	10.0	--	1
Nonachlorobiphenyls	ND		ng/cart	10.0	--	1
Decachlorobiphenyl	ND		ng/cart	10.0	--	1
Total Homologs	ND		ng/cart	10.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	73		50-125
Cl8-BZ#202-C13	68		50-125

Project Name: Not Specified**Lab Number:** L1326171**Project Number:** 19062**Report Date:** 01/10/14**SAMPLE RESULTS**

Lab ID: L1326171-15
Client ID: 150270
Sample Location: Not Specified
Matrix: Air Media
Analytical Method: 105,8270D-SIM/NOAA-M
Analytical Date: 01/09/14 03:22
Analyst: JS

Date Collected: 12/21/13 00:00
Date Received: 12/24/13
Field Prep: Not Specified
Extraction Method: EPA 3540C
Extraction Date: 12/29/13 15:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Homologs by GC/MS-SIM (LowVol) - Mansfield Lab						
Monochlorobiphenyls	ND		ng/cart	10.0	--	1
Dichlorobiphenyls	ND		ng/cart	10.0	--	1
Trichlorobiphenyls	ND		ng/cart	10.0	--	1
Tetrachlorobiphenyls	ND		ng/cart	10.0	--	1
Pentachlorobiphenyls	ND		ng/cart	10.0	--	1
Hexachlorobiphenyls	ND		ng/cart	10.0	--	1
Heptachlorobiphenyls	ND		ng/cart	10.0	--	1
Octachlorobiphenyls	ND		ng/cart	10.0	--	1
Nonachlorobiphenyls	ND		ng/cart	10.0	--	1
Decachlorobiphenyl	ND		ng/cart	10.0	--	1
Total Homologs	ND		ng/cart	10.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	86		50-125
Cl8-BZ#202-C13	81		50-125

Project Name: Not Specified

Lab Number: L1326171

Project Number: 19062

Report Date: 01/10/14

Method Blank Analysis Batch Quality Control

Analytical Method: 105,8270D-SIM/NOAA-M

Extraction Method: EPA 3540C

Analytical Date: 01/08/14 10:45

Extraction Date: 12/29/13 15:00

Analyst: JS

Parameter	Result	Qualifier	Units	RL	MDL
PCB Homologs by GC/MS-SIM (LowVol) - Mansfield Lab for sample(s): 01-15 Batch: WG662098-1					
Monochlorobiphenyls	ND		ng/cart	10.0	--
Dichlorobiphenyls	ND		ng/cart	10.0	--
Trichlorobiphenyls	ND		ng/cart	10.0	--
Tetrachlorobiphenyls	ND		ng/cart	10.0	--
Pentachlorobiphenyls	ND		ng/cart	10.0	--
Hexachlorobiphenyls	ND		ng/cart	10.0	--
Heptachlorobiphenyls	ND		ng/cart	10.0	--
Octachlorobiphenyls	ND		ng/cart	10.0	--
Nonachlorobiphenyls	ND		ng/cart	10.0	--
Decachlorobiphenyl	ND		ng/cart	10.0	--
Total Homologs	ND		ng/cart	10.0	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	81		50-125
Cl8-BZ#202-C13	78		50-125

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 19062

Lab Number: L1326171

Report Date: 01/10/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB Homologs by GC/MS-SIM (LowVol) - Mansfield Lab Associated sample(s): 01-15 Batch: WG662098-2								
Cl1-BZ#1	91		-		40-140	-		30
CL1-BZ#3	94		-		40-140	-		30
Cl2-BZ#4/#10	100		-		40-140	-		30
Cl2-BZ#5/#8	84		-		40-140	-		30
Cl3-BZ#19	88		-		40-140	-		30
Cl3-BZ#18	81		-		40-140	-		30
Cl2-BZ#15	79		-		40-140	-		30
Cl4-BZ#54	87		-		40-140	-		30
Cl3-BZ#29	74		-		40-140	-		30
Cl4-BZ#50	93		-		40-140	-		30
Cl3-BZ#28/#31	82		-		40-140	-		30
Cl4-BZ#45	96		-		40-140	-		30
Cl4-BZ#52	82		-		40-140	-		30
Cl4-BZ#43/#49	87		-		40-140	-		30
Cl4-BZ#47/#48	84		-		40-140	-		30
Cl5-BZ#104	83		-		40-140	-		30
Cl4-BZ#44	81		-		40-140	-		30
Cl3-BZ#37	70		-		40-140	-		30
Cl4-BZ#74	82		-		40-140	-		30
Cl6-BZ#155	90		-		40-140	-		30
Cl4-BZ#70	80		-		40-140	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 19062

Lab Number: L1326171

Report Date: 01/10/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB Homologs by GC/MS-SIM (LowVol) - Mansfield Lab Associated sample(s): 01-15 Batch: WG662098-2								
Cl4-BZ#66	81		-		40-140	-		30
Cl5-BZ#95	75		-		40-140	-		30
Cl4-BZ#56/#60	76		-		40-140	-		30
Cl5-BZ#101/#84	90		-		40-140	-		30
Cl5-BZ#99	82		-		40-140	-		30
Cl6-BZ#154	80		-		40-140	-		30
Cl5-BZ#110	73		-		40-140	-		30
Cl4-BZ#81	76		-		40-140	-		30
Cl5-BZ#87	83		-		40-140	-		30
Cl6-BZ#151	78		-		40-140	-		30
Cl4-BZ#77	78		-		40-140	-		30
Cl5-BZ#123	78		-		40-140	-		30
Cl6-BZ#149	82		-		40-140	-		30
Cl7-BZ#188	76		-		40-140	-		30
Cl5-BZ#118	75		-		40-140	-		30
Cl6-BZ#146	74		-		40-140	-		30
Cl5-BZ#114	78		-		40-140	-		30
Cl6-BZ#153	74		-		40-140	-		30
Cl6-BZ#138/#163	67		-		40-140	-		30
Cl6-BZ#158	77		-		40-140	-		30
Cl5-BZ#105	71		-		40-140	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 19062

Lab Number: L1326171

Report Date: 01/10/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB Homologs by GC/MS-SIM (LowVol) - Mansfield Lab Associated sample(s): 01-15 Batch: WG662098-2								
Cl7-BZ#182/#187	75		-		40-140	-		30
Cl7-BZ#183	78		-		40-140	-		30
Cl6-BZ#167/#128	75		-		40-140	-		30
Cl5-BZ#126	53		-		40-140	-		30
Cl7-BZ#174	80		-		40-140	-		30
Cl8-BZ#202	81		-		40-140	-		30
Cl7-BZ#177	72		-		40-140	-		30
Cl6-BZ#156	68		-		40-140	-		30
Cl6-BZ#157	70		-		40-140	-		30
Cl7-BZ#180	77		-		40-140	-		30
Cl7-BZ#170/#190	61		-		40-140	-		30
Cl8-BZ#201	77		-		40-140	-		30
Cl6-BZ#169	64		-		40-140	-		30
Cl9-BZ#208	82		-		40-140	-		30
Cl7-BZ#189	75		-		40-140	-		30
Cl8-BZ#195	74		-		40-140	-		30
Cl8-BZ#194	75		-		40-140	-		30
Cl8-BZ#205	73		-		40-140	-		30
Cl9-BZ#206	71		-		40-140	-		30
Cl10-BZ#209	72		-		40-140	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 19062

Lab Number: L1326171

Report Date: 01/10/14

Parameter	<i>LCS</i> <i>%Recovery</i>	<i>Qual</i>	<i>LCSD</i> <i>%Recovery</i>	<i>Qual</i>	<i>%Recovery</i> <i>Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> <i>Limits</i>
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PCB Homologs by GC/MS-SIM (LowVol) - Mansfield Lab Associated sample(s): 01-15 Batch: WG662098-2

<i>Surrogate</i>	<i>LCS</i> <i>%Recovery</i>	<i>Qual</i>	<i>LCSD</i> <i>%Recovery</i>	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
Cl3-BZ#19-C13	74				50-125
Cl8-BZ#202-C13	72				50-125

Project Name: Not Specified

Lab Number: L1326171

Project Number: 19062

Report Date: 01/10/14

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1326171-01A	PUF Air Cartridge - High or Low	A	N/A	4.8	Y	Absent	A2-PCBHOMS-8270SIML(7)
L1326171-02A	PUF Air Cartridge - High or Low	A	N/A	4.8	Y	Absent	A2-PCBHOMS-8270SIML(7)
L1326171-03A	PUF Air Cartridge - High or Low	A	N/A	4.8	Y	Absent	A2-PCBHOMS-8270SIML(7)
L1326171-04A	PUF Air Cartridge - High or Low	A	N/A	4.8	Y	Absent	A2-PCBHOMS-8270SIML(7)
L1326171-05A	PUF Air Cartridge - High or Low	A	N/A	4.8	Y	Absent	A2-PCBHOMS-8270SIML(7)
L1326171-06A	PUF Air Cartridge - High or Low	A	N/A	4.8	Y	Absent	A2-PCBHOMS-8270SIML(7)
L1326171-07A	PUF Air Cartridge - High or Low	A	N/A	4.8	Y	Absent	A2-PCBHOMS-8270SIML(7)
L1326171-08A	PUF Air Cartridge - High or Low	A	N/A	4.8	Y	Absent	A2-PCBHOMS-8270SIML(7)
L1326171-09A	PUF Air Cartridge - High or Low	A	N/A	4.8	Y	Absent	A2-PCBHOMS-8270SIML(7)
L1326171-10A	PUF Air Cartridge - High or Low	A	N/A	4.8	Y	Absent	A2-PCBHOMS-8270SIML(7)
L1326171-11A	PUF Air Cartridge - High or Low	A	N/A	4.8	Y	Absent	A2-PCBHOMS-8270SIML(7)
L1326171-12A	PUF Air Cartridge - High or Low	A	N/A	4.8	Y	Absent	A2-PCBHOMS-8270SIML(7)
L1326171-13A	PUF Air Cartridge - High or Low	A	N/A	4.8	Y	Absent	A2-PCBHOMS-8270SIML(7)
L1326171-14A	PUF Air Cartridge - High or Low	A	N/A	4.8	Y	Absent	A2-PCBHOMS-8270SIML(7)
L1326171-15A	PUF Air Cartridge - High or Low	A	N/A	4.8	Y	Absent	A2-PCBHOMS-8270SIML(7)

*Values in parentheses indicate holding time in days

Project Name: Not Specified

Lab Number: L1326171

Project Number: 19062

Report Date: 01/10/14

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.

Report Format: Data Usability Report



Project Name: Not Specified**Lab Number:** L1326171**Project Number:** 19062**Report Date:** 01/10/14**Data Qualifiers**

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Report Format: Data Usability Report

Project Name: Not Specified
Project Number: 19062

Lab Number: L1326171
Report Date: 01/10/14

REFERENCES

- 105 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997 in conjunction with NOAA Technical Memorandum NMFS-NWFSC-59: Extraction, Cleanup and GC/MS Analysis of Sediments and Tissues for Organic Contaminants, March 2004 and the Determination of Pesticides and PCBs in Water and Oil/Sediment by GC/MS: Method 680, EPA 01A0005295, November 1985.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

Last revised December 11, 2013

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, Tl; **EPA 200.7:** Ba, Be, Ca, Cd, Cr, Cu, Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, Tl, Zn;

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, Ti, Tl, V, Zn;

EPA 245.1, SM4500H-B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

DATE: 12/24/13

FROM: Environmental Health and Engineering, Inc.
117 Fourth Avenue
Needham, MA 02494-2725

TO: Alpha

Please send invoices to ATTN: Accounts Payable
Please send reports to ATTN: Data Coordinator

In all correspondence regarding this matter, please refer to EH&E Project # 19062

The cost of this analysis will be covered by EH&E Purchase Order # 19062

For EH & E Data Coordinator - URGENT DATA ☐

SAMPLE ID	SAMPLE TYPE	ANALYTICAL METHOD/NUMBER	OTHER: Time	Date/Vol.
150256	Air	PCBs Homolog Analysis	12/21/13	1290
150257				1311
150258				1316.4
150259				1318.6
150260				1346.1
150261				1315.6
150262				1356
150263				1348.4
150264				1350.4
150265				1378.4
150266				1375.4
150267				1328.3
150268				1378.1
150269				1387.6
150270				

Special instructions:

☒ Standard turn around time ☐ Rush by date/time ☐ Other

☐ Fax results 781-247-4305

☐ RETURN SAMPLES

☒ Electronic transfer - datacoordinator@eheinc.com

☒ Additional report recipient ttruong@eheinc.com; mfraga@eheinc.com

Each signatory please return one copy of this form to the above address

Relinquished by: [Signature] of Environmental Health & Engineering, Inc. Date: 12/24/13
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